

CLAIMS

1. Process for the production of polysiloxane pressure-sensitive adhesive layers with reduced cold flow by means of coating and drying a one-component polysiloxane pressure-sensitive adhesive solution onto a suitable flat-shaped carrier, characterized in that a complex of a metal ion of the group consisting of calcium, magnesium, zinc, aluminum, titanium, zirconium or hafnium with a low-molecular organic complex former is added to the organic adhesive solution to be coated, whereby the metal ion is only released from the bond to the complex former under the conditions of heating and/or drying of the adhesive solution.
2. Process according to claim 1, characterized in that the metal additive amounts to at least 0.005 wt-%, relative to the dried adhesive mass.
3. Process according to claim 1, characterized in that the metal is provided in an amount of 0.005 to 0.5 wt-%, relative to the dried adhesive mass.
4. Process according to one or more of the preceding claims, characterized in that the organic complex former is substantially removed during drying.
5. Process according to one or more of the preceding claims, characterized in that the drying is carried out at a temperature of between 20 and 120°C.
6. Process according to one or more of the preceding claims, characterized in that the weight per unit area of the dried film is between 10 and 300 g/m².
7. Process according to one or more of the preceding claims, characterized in that the organic complex for-

mer is acetylacetone or that acetylacetone participates in the complex forming.

8. Process according to one or more of the preceding claims, characterized in that the metal participating in the complex is aluminum or titanium.
9. Process according to one or more of the preceding claims, characterized in that the polysiloxane is substantially polydimethyl siloxane.
10. Process according to claim 9, characterized in that the free silanol groups present in the polydimethyl siloxane are chemically deactivated through a suitable end-capping and are thus amine-resistant.
11. Medicinal patch, characterized in that in its layered structure it has at least one layer of a polysiloxane pressure-sensitive adhesive produced by means of a process according to one of the preceding claims.